

# Notice of Allowability

Application No.

10/602,013

Examiner

LeChi Truong

Applicant(s)

WALDORF, JERRY A.

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 09/24/2007.
2. ☒ The allowed claim(s) is/are 13, 14, 16-20, 51-58 now renumbered as claims 1-15.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
WILLIAM THOMSON  
SUPERVISORY PATENT EXAMINER

**Allowance**

1. This is in responding to the applicant filed on 10/22/2004.

***Allowable Subject Matter***

2. Claims 13, 14, 16-18, 19, 20, 51-58 are allowed.
3. The following is an examiner's statement of reasons for allowance:

As to claims 13, 19, 20, the prior art as taught Ching et al (US 6,407,761 B1) and Vedula et al (6,823,495 B1) do not teach on render obvious the limitations recited in claims 13, 19, 20, when taken in the context of the claims as a whole, detecting that a pointer that is manipulated by a pointing device is guided over a portion of a displayed node in the hierarchical tree; receiving an indication that a button on the pointing device has been selected and continues to be selected when the pointer is over the portion of the displayed node; detecting movement of the pointer by the pointing device; visually dragging the displayed node in correspondence with the movement of the pointer; receiving an indication that the button on the pointing device has been released; detecting that the pointer has moved from an original point in the hierarchical tree to a second point in the hierarchical tree, where the second point corresponds to a location of the pointer when the button has been released; dropping the displayed node at the second point to display a revised hierarchical tree; and automatically regenerating code for the message structure, wherein the message structure is represented by the revised hierarchical tree, and wherein the code includes embedded delimiters that indicate the hierarchical structure of the message structure represented by the revised hierarchical tree, a module configured to detect that a button on the pointing device has been selected and continues to be selected when the pointer is over the portion of the displayed node; a module configured to detect a position of the

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pointer as recited in the independent claims 13, 19, 20. Moreover, evidence for modifying the prior art teachings by one of ordinary skill level in the art was not uncovered so as to result in the invention as recited in claims 13, 19, and 20.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LeChi Truong whose telephone number is (571) 272 3767. The examiner can normally be reached on 8 - 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomson, William can be reached on (571) 272 3718. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIP. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIP system, contact the Electronic Business Center (EBC) at 866-217-9197(toll-free).

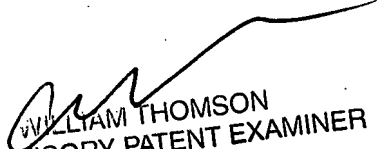
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LeChi Truong

September 28, 2007

  
WILLIAM THOMSON  
SUPERVISORY PATENT EXAMINER

**Examiner's Amendment**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Bobby Truong (Registration No. 437,499) on 09/27/2007.

In the claims:

- (I) In claim 19:
  - (i) line 7, change " the graphical user interface" to - - a graphical user interface - - .
- (II) In claim 20:
  - (i) line 3, insert after " comprising: " - - one or more processors and a memory, the memory comprising instructions executed by the one or more processors to implement: - - .

***Conclusion***

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September 28, 2007

  
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